



APPENDIX D

BEST MANAGEMENT PRACTICES SPECIFIC TO WILDLIFE

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AVIAN/WILDLIFE MORTALITY

Turbines

- Implement lighting scheme to alert night migrants to turbines and as required by FAA regulations.

Power Lines

- Minimize the use of guy wires.
- Use bird deflectors or other appropriate marking devices on the transmission interconnect lines where they cross the Snake River.
- Use raptor deflector devices on all potential raptor perching structures.
- Install raptor perch prevention devices on aboveground power line poles.
- Avoid electrocution by placing sufficient space between power line wires.
- Aerial inspection of lines should be prohibited below 1,000 feet from November 15 through 15 March for wintering eagle protection.
- No graveled roads are allowed under transmission lines. Only unimproved 2-tracks may be used for maintenance.
- Follow guidelines for Avian Power Line Interaction Committee (1996) and take corrective actions as needed and as reviewed by the Steering Committee.

General Wildlife

- Place turbines at least 1/4 mile from golden eagle nests.
- Establish and sign speed limits for all vehicles on roads.

Monitoring

- The holder shall conduct fatality monitoring using methods that have been implemented at other constructed wind projects in the United States (Erickson et al., 2000, 2001a, 2003, 2004, Johnson et al., 2000) for a period of five years beginning with the start up power production. Fatality monitoring will be adapted for the site-specific conditions found at Cotterel Mountain. The specific protocol for the fatality monitoring will be outlined in the Plan of Development for the Proposed Project.
- The holder shall continue to conduct sage-grouse lek studies in accordance with IDFG protocols on leks that are within the project area for a period of five years beginning with the start up power production.

HABITAT LOSS/DEGRADATIONRoads/Construction Pads/Fill/Transformers

- Provide for on-site inspection and monitoring of on-site soil storage areas.
- Prior to removal of soils inspect proposed storage sites to determine that no sensitive plant or animal species or habitat is present.
- Stored native soils will be replaced on top of temporary use sites and will not be used as fill.
- Plant native seeds/year old sagebrush/other specialized plants in disturbed areas.
- Where possible, replace disturbed construction sites with native soil within the project area.
- Require native or native like seed replacement where rehabilitation occurs within the project area.
- When possible, collect native seeds from the project site for rehabilitation plantings.

General Wildlife

- Restrict all construction and maintenance activities which occur within 0.5 miles of a lek between the hours of 4 am and 11 am during the lekking season (mid-March – mid-May).